Title (en)

Instant messaging for event notification and exchanging data in an industrial controller environment

Title (de)

Sofortige Nachrichtenübermittlung (Instant Messaging) zur Ereignismitteilung und zum Datenaustausch in einer industriellen Steuerungsumgebung

Title (fr)

Communication par messages instantanés (Instant Messaging) pour notification d'événements et l'échange de données en milieu des automates programmables industriels

Publication

EP 1420316 A1 20040519 (EN)

Application

EP 03026339 A 20031117

Priority

US 29836602 A 20021118

Abstract (en)

The present invention relates to systems and methods for distributing control information such as event notifications and status in a substantially real time manner. Such information can be provided in a parallel and concurrent manner to many locations/devices and/or users. In addition, multi-directional network communications are provided to facilitate system diagnosis, status, and troubleshooting among various parties and/or devices. In one aspect of the present invention, messaging components may be installed on local control components and remote diagnostic equipment that communicate across a network such as the Internet. If an event is detected, various parties can be contacted by the control components, wherein the parties may communicate in a concurrent manner while receiving control information from the control components. In this manner, diagnosis, troubleshooting, and/or routine maintenance can be performed collaboratively between various control components and remote systems/parties interacting therewith. <IMAGE>

IPC 1-7

G05B 19/418; G05B 23/02

IPC 8 full level

G05B 19/042 (2006.01); **G05B 23/02** (2006.01)

CPC (source: EP)

G05B 19/042 (2013.01); **G05B 23/027** (2013.01); G05B 2219/24023 (2013.01); G05B 2219/25222 (2013.01); G05B 2219/31196 (2013.01); G05B 2219/34038 (2013.01); Y02P 90/02 (2015.11); Y02P 90/80 (2015.11)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1420316 A1 20040519; **EP 1420316 B1 20120523**

DOCDB simple family (application)

EP 03026339 A 20031117